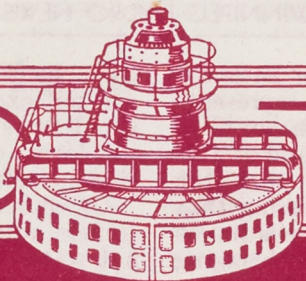


HYDRO NEWS



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WATER HEATER CONTROL

"One of the biggest problems I have to face," said the manager of a transfer company, "is that everybody wants to move at the same time. If we could only arrange to have the moving period spread over several weeks, instead of a few days, we would not have to purchase new equipment which will stand idle after the rush season is over. Thus expenses would be reduced and the public given better service at lower cost."

The same story applies to many other businesses rendering service to the public. Telegraph and telephone companies offer special night rates to help spread the heavy daytime use into the evening hours when the wires are carrying comparatively few messages.

Street car companies ask you to shop early to avoid the 5 o'clock rush.

Holiday resorts entice you, through reduced tariffs, to spend your vacation in the early summer or fall months.

Many industries, in order to take full advantage of the use of their plant equipment, have their employees work three shifts so as to keep the machines revenue-producing for the full 24 hours per day.

The big problem in modern business is how to give good service to the public without spending large sums of money on plant extensions or new equipment which will only be used for an hour or two each day.

Electric Utilities are affected, perhaps, more than any other class of business by these peaks, as they are called.

For about two hours each day practically every kind of electrical service is in use at the same time: Power for industries; lighting for stores and, of course, most of the lighting and appliances in the home. For the other 22 hours there is an easing off in the demand, resulting in idle generators and other equipment.

City Hydro's costs therefore are based on having sufficient capacity in power plants, transmission lines, transformers, etc., to take care of this two hour peak demand. If some of this could be transferred or spread over the other hours of the day, costs would be reduced and consequently the service so transferred could be sold at a lower rate.

The one class of service that lends itself to such an arrangement is the domestic water heater. Electricity

is supplied continuously for 24 hours every day of the year. This represents a very large block of power supplied during the "rush" hours and if this could be transferred, so that the service would not be on during that time, the interests of our customers would be better served by bringing the idle machines into use and thus affecting great economies in operation.

Science has once again come to the rescue and City Hydro has arranged to install the latest type of controls which will automatically switch water heaters off and on during the busy hours. In much the same way that your radio picks up different programs by tuning, electric impulses are sent over the ordinary service wires to the special switch which will be installed on your heater, operating it without affecting the other services in the home.

By increasing the size of the water heater, which will be done without cost to the customer, the energy not used during the "off" period will be used during the other 22 hours instead. As a matter of fact, due to the plentiful supply available at that time, City Hydro proposes to supply you with 20% more electricity during

these hours although the "off" time will not exceed 10% in any one day. Good news to our customers will be the lower cost in spite of the additional electricity supplied.

Of course there will be some consumers who may be obtaining more hot water than they need with their present water heater. In such cases the control switch will be installed without increasing the size of the water heater. These customers will receive a substantial reduction in the flat rate to compensate for electricity not used. For a satisfactory service, City Hydro recommends the change to a larger size heater.

Water heater control is to be installed by districts and it will take months, or even years, to cover the city. You will be notified in due course by letter a few days before we make the change in your home, and we will appreciate your co-operation by marking your selection of the service required on the instruction card. You will then become an "off peak" customer and entitled to the rate reduction.

This is another step in Hydro's policy of bringing good service to the citizens at lower rates.

RATES FOR CONTROLLED WATER HEATER SERVICE (Cost per month)

| Size of Water Heater | Rates for Uncontrolled Service | New Rate for Controlled Service |
|----------------------|--------------------------------|---------------------------------|
| 500 watts | \$1.67 | \$1.33 |
| 600 watts | | 1.60 |
| 750 watts | 2.50 | 2.00 |
| 900 watts | | 2.40 |
| 1,000 watts | 3.33 | 2.67 |
| 1,200 watts | | 3.20 |
| 1,500 watts | 4.44 | 3.56 |
| 2,000 watts | 5.55 | 4.44 |

The above rates are subject to the usual prompt payment discount of 10%.

To You . . . The Torch!

The Lamps of Freedom are going out all over Europe—the torch of democracy must relight them—and every Canadian can participate in this by investing in Victory Loan bonds.

Which is more important to you? Luxury and comfort, or the freedom to live your life in the manner that you, as an individual desire? *You* are asked to lend your savings to protect your present and future happiness. If you do not *lend*, the Government may find it necessary to *take*.

Buy Victory Loan bonds cheerfully and gladly in the certain knowledge that with the United effort of the people of Canada, Freedom *shall* remain the most potent force in the maintenance of our civilization. When the canvasser for 1941 Victory Loan calls, be ready with your pledge, discuss it now with the family. "The exact amount of our effort today will determine in exact proportion the effort needed tomorrow—and tomorrow—and tomorrow."

More People Prefer Electric Cooking

One of the interesting sidelights of the Spring merchandising season is the increase in the number of electric ranges sold compared with last year. At the end of April this year City Hydro had delivered 336 new electric ranges to Winnipeg families, whereas 276 had been sold in the corresponding period during 1940. This shows that the public preference is almost overwhelmingly in favor of electric cooking, as already seven out of ten Winnipeg homes have electric ranges installed.

From the standpoint of safety,

cleanliness and economy alone, electric cooking is superior and the majority of Winnipeggers are quick to appreciate these advantages.

At City Hydro Showrooms, the new model electric ranges by leading manufacturers offer you the finest in electric cooking. There are models to please every taste, available on City Hydro's low payment plan. Drop in at City Hydro Showrooms tomorrow and see them for yourself.

Youthful Pranks Prove Costly

During recent weeks a number of boys have been apprehended by the police and one brought before the Juvenile Court for damaging ornamental street lamps.

Numerous side panels of glass were broken as well as the lamps, and the cost of repairs in just one district amounted to \$42.02.

Besides causing needless expense, the wilful damage to street lamps impairs the efficiency of the City's Street Light System.

The police are co-operating in putting a stop to this vandalism. Parents have been helpful but they are once again urged to impress upon their children the serious consequences which may occur to anyone guilty of destructing the City's property.

USE YOUR PUBLIC LIBRARY

Selected List of Recent Books

Mansion House of Liberty.—Phyllis Bottome.
England's Hour.—Vera Brittain.
English Saga (1840-1940).—Arthur Bryant.
Sick Heart River.—John Buchan.
Exit Laughing.—Irvin Cobb.
Culbertson's Summary of Contract Bridge; Improved Culbertson System, 1941.
Ambassador Dodd's Diary, 1933-1938.—Ed. by W. E. Dodd, Jr. and Martha Dodd.
Behind God's Back.—Negley Farson.
London Front; Letters Written to America (August, 1939-July, 1940).—F. Tennyson Jesse and H. M. Harwood.



By **KAE ROBINSON B.Sc.**

This month, treat your family to strawberries, but when buying the berries remember the following points which will assure you of ripe, luscious fruit. Select berries with their caps on, medium to large in size, in a box free from stains. Place them in an open bowl and store in your electric refrigerator, washing only as needed. Strawberries carefully selected and cared for in this manner keep for days. A somewhat different recipe, because it requires eggs instead of gelatine, is this one for Strawberry Pie which is sure to please the folks in your home:

RECIPE OF THE MONTH

STRAWBERRY PIE

| | |
|-----------------|----------------------------------|
| Pie crust | 2 eggs, separated |
| 1 quart berries | Bread crumbs |
| 1 cup sugar | $\frac{1}{2}$ cup powdered sugar |

Line a pie plate with pastry. Sprinkle with grated bread crumbs. Fill with berries, hulled, washed and drained. Cover with two egg yolks beaten with 1 cup sugar. Bake in a quick oven at 425 degrees for twenty minutes. Before serving cover with a meringue and brown.

HOUSEHOLD HINTS

When boiling cracked eggs, rub moistened salt along cracks to keep the white from seeping out into the water.

Cold tea makes an excellent cleaning fluid for window panes or mirrors.

OLD JOKES HOME



The editor of the country newspaper went home to dinner, smiling radiantly.

"You must have had some good fortune this morning," greeted his wife.

"Indeed I did," announced the editor. "Jim Smith who hasn't paid his subscription for 10 years, came in and stopped his paper."

Friend (to debt collector): "It must be awful to be a debt collector—unwelcome wherever you go."

Collector: "Not at all—not at all. Nearly everyone asks me to call again."

They were standing on the curb in the blackout. He was imploring her to marry him.

Twin points of light gave warning of an approaching car as he spoke. "If you don't say yes I'll throw myself in front of this car!" he threatened.

She grabbed his arm in a panic. "Wait, don't do it!" she cried. "Give me time to think—there's bound to be other cars coming."

Little Willie: "Do you know, dad, that in some parts of India a man doesn't know his own wife until he marries her?"

Dad: "Why single out India?"

"Yes, my dear," I said to her. "You're nothing but a stupid, mean-faced, stuck-up swindler, madam."

"You called her 'Madam'?"

"Oh, well, politeness costs nothing."